

FEDERAL ITEM IDENTIFICATION GUIDE

SURGICAL NEEDLES

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Commander

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This Federal Item Identification Guide for Supply Cataloging is issued under the authority of Department of Defense Instruction 5025.7.

The use of this publication is mandatory for US. Federal Activities participating in Federal Catalog System Operations.

BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

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GENERAL INFORMATION

1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

This FIIG is comprised of the following:

- Index of Approved Item Names Covered by this FIIG
- Applicability Key Index
- Section I - Item Characteristics Data Requirements
- Section III - New text that should be here.
- Appendix A - Reply Tables
- Appendix B - Reference Drawing Groups (as applicable)
- Appendix C - Technical Data Tables (as applicable)

a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign (\$) for an OR condition, or a double dollar sign (\$\$) for an AND condition, (5) the mode code, (6) the response or reply code

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(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

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This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

<u>MRC</u>	<u>Mode</u> <u>Code</u>	<u>Requirement</u>	<u>Example</u>
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGW OVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

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<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
CANNULA, LACHRYMAL	58226	C
INTRODUCER, NEEDLE	08440	A
A sharp-pointed, cannulated instrument, with a head or knob, used for initial puncture of the skin for the introduction of a finer, less rigid needle.		
LESION INDICATOR, BREAST	41646	A
A needle designed to be used for pre-operative marking prior to surgical procedures.		
NEEDLE, AMNIOCENTESIS	47397	C
An item designed for use in trans-abdominal perforation of the uterus to permit drainage of the amniotic fluid during obstetric and gynecology procedures.		
NEEDLE AND WIRE LOCALIZER, BREAST	41892	C
An item designed to be used to locate breast lesions during surgical biopsy and mammogram procedures.		
NEEDLE, ASPIRATION, GASTROINTESTINAL	51581	B
An item designed to be used for submucosal biopsy in the upper gastrointestinal tract. May include stylet wire and retracted needle. Excludes NEEDLE, BIOPSY.		
NEEDLE, BIOPSY	22456	B
An item used on the living body to remove tissue, cells, or fluids for diagnosis.		
NEEDLE, BLOOD COLLECTING	36249	C
An item designed for use in obtaining samples. May be shrouded and include stopcock.		
NEEDLE, BONE SHATTERING, EAR	52247	C
An item used in middle ear surgical procedures. Excludes NEEDLE, EAR and NEEDLE, UTILITY, EAR.		
NEEDLE, EAR	40145	C
An item designed for use in stapes surgical procedures.		

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<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
NEEDLE, ELECTROMYOGRAPHY	47498	C
An item designed for insertion into a muscle in order to record electrical activity by stimulation of its nerve. Excludes NEEDLE, HYPODERMIC and NEEDLE, PERCUTANEOUS ENTRY.		
NEEDLE, ENDOSCOPIC INJECTION	47782	C
An item designed for use in percutaneous injection of local anesthetic or corticosteroids into the tissue of the upper urinary tract. Excludes NEEDLE, HYPODERMIC; NEEDLE, PERCUTANEOUS ENTRY; and NEEDLE, SOLUTION TRANSFER.		
NEEDLE, EYE, ANESTHETIC	51740	C
A cannulated item used for numbing the eye during surgical procedures.		
NEEDLE, FASCIA	40170	C
An item designed for use in ophthalmic surgery to strip the orbital fascia.		
NEEDLE, GRIP DEVICE	47510	C
A non-coring, non-siliconized item that provides delivery of intravenous medication or fluids and for the sampling of venous blood. It also has a removable contoured grip that provides controlled placement of the item.		
NEEDLE, HEPARIN FLUSHING	46941	C
A cannulated item used to flush (irrigate) a graft during vascular procedures in order to check for patency or leakage of graft from the human body. Excludes NEEDLE, HYPODERMIC.		
NEEDLE, HYPODERMIC	07252	C
A cannulated item used for aspirating or injecting fluids into body tissue.		
NEEDLE, LIGATURE	07254	C
A slender, curved needle with a handle, having an eye in its distal end, used for passing a ligature underneath a pedicle or artery.		
NEEDLE, LOCALIZER, BREAST	46174	C
A self-contained, sterile, disposable item designed to be used for breast location procedures. Excludes NEEDLE AND WIRE LOCALIZER, BREAST. For items with wire, see NEEDLE AND WIRE LOCALIZER, BREAST.		
NEEDLE, MENISCAL REPAIR, ARTHROSCOPIC	48203	C
A sterile, straight item, designed for use with the meniscal stitcher that permits the surgeon to repair, by suturing, certain types of peripheral meniscal tears without opening the knee joint under arthroscopic visualization.		

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<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
NEEDLE, PARTICULATE FILTRATION	37685	C
A cannulated item with integral micron filter used for aspirating or injecting solutions either into the body or transferring solutions from syringe to container or container to syringe.		
NEEDLE, PASSING WIRE, SURGICAL	46155	C
An item designed to guide a wire passing through a needle opening at the distal end for use during facial or jaw fractures, plastic and reconstructive surgery.		
NEEDLE, PERCUTANEOUS ENTRY	46154	C
A sterile, disposable item designed to be used for arterial and venous puncture procedures.		
NEEDLE, PUNCTURE AND ANESTHESIA #	36248	C
NEEDLE, SOLUTION TRANSFER	41040	C
A cannulated nonfiltered item with a vented piercing pin designed to be used for drug reconstitution or transferring solutions from container to syringe or syringe to container.		
NEEDLE, STERNAL PUNCTURE #	36247	B
NEEDLE, SURGICAL WOUND EVACUATOR	30140	C
An item designed to be attached to a TUBE, SURGICAL WOUND EVACUATOR so that the tubing can follow a puncture path through healthy tissue to the outside of a surgical incision for post-operative drainage.		
NEEDLE, UTILITY, EAR	46160	C
An item designed for use during middle ear surgical procedures. Excludes NEEDLE, EAR.		

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APPLICABILITY KEY INDEX

	<u>A</u>	<u>B</u>	<u>C</u>
NAME	X	X	X
ANEH	AR	AR	AR
ALCD	AR	AR	AR
ABHP	AR	AR	AR
STYL	X	X	X
ANPA	AR	AR	AR
ANPB	AR	AR	AR
ANPC	AR	AR	AR
ANPD	AR	AR	AR
ANPE	AR	AR	AR
ANPF	AR	AR	AR
ANPG	AR	AR	AR
ANPH	AR	AR	AR
ANPA	AR	AR	AR
ANPB	AR	AR	AR
ANPC	AR	AR	AR
ANPD	AR	AR	AR
ANPE	AR	AR	AR
ANPF	AR	AR	AR
ANPG	AR	AR	AR
ANPH	AR	AR	AR
ANNQ	X	X	X
ANNR	AR	AR	AR
ANNS	AR	AR	AR
ANNM	AR	AR	AR
ANNN	AR	AR	AR
ANNP	AR	AR	AR
AAPC	AR	AR	AR
ADQF	AR	AR	AR
ANFG	AR	AR	AR
ANNW	AR	AR	AR
ANNX	AR	AR	AR
ANNY	AR	AR	AR
AGUC	AR	AR	AR
AGXZ	AR	AR	AR
AKYN	AR	AR	AR
CBBL	AR	AR	AR
FEAT	AR	AR	AR
TEST	AR	AR	AR
SPCL	AR	AR	AR
ZZZK	AR	AR	AR
ZZZT	AR	AR	AR
ZZZW	AR	AR	AR
ZZZX	AR	AR	AR
ZZZY	AR	AR	AR
CRTL	AR	AR	AR
PRPY	AR	AR	AR
ELRN	AR	AR	AR

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ELCD	AR	AR	AR
AFJK	AR	AR	AR
AWJN	AR	AR	AR
PRMT	AR	AR	AR
PMWT	AR	AR	AR
PMLC	AR	AR	AR
AGAV	AR	AR	AR
SUPP	AR	AR	AR
ZZZP	AR	AR	AR
ZZZV	AR	AR	AR
PKQT	AR	AR	AR
EXQT	AR	AR	AR
SUWT	AR	AR	AR
ECWT	AR	AR	AR
SUCB	AR	AR	AR
EXME	AR	AR	AR
CXCY	AR	AR	AR

SECTION I

APP Key	MRC	Mode Code	Requirements
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ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code. (e.g., NAMED07252*)

ALL*

ANEH	D	DESIGN DESIGNATION
------	---	--------------------

Definition: THE DESIGNATION DERIVED FROM THE NAME OF THE DESIGNER OR USE FOR WHICH THE ITEM IS INTENDED.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1. (e.g., ANEHDADM*; ANEHDACZ\$\$DAEG*; ANEHDACS\$DACT*)

ALL*

ALCD	G	USAGE DESIGN
------	---	--------------

Definition: INDICATES THE DESIGNED USE OF THE ITEM.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., ALCDGFOLLOWING HEAD OPERATION*; ALCDGOPERATION FOR GLAUCOMA; CATARACT*)

ALL*

ABHP	J	OVERALL LENGTH
------	---	----------------

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA9.0*; ABHPJAB7.000\$\$JAC9.000*)

Table 1

REPLY CODE

C

REPLY (AA05)

CENTIMETERS

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SECTION I

APP

Key MRC Mode Code Requirements

A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE

A	NOMINAL
B	MINIMUM
C	MAXIMUM

REPLY (AC20)

ALL

STYL L STYLE DESIGNATOR

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE ITEM.

Reply Instructions: Enter the applicable style number from [Appendix B](#), Reference Drawing Group A, B, C, E and F. (e.g., STYLLB5*; STYLLB5A*)

ALL

ANNQ H MATERIAL AND LOCATION

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT, AND ITS LOCATION.

Reply Instructions: Enter the applicable Reply Codes from [Appendix A](#), Table 2 and Appendix A, Table 5, respectively. (e.g., ANNQHST1617AAB*)

Enter multiple or optional materials in Appendix A, Table 2 sequence. (e.g., ANNQHALC000AAE\$HPC0000AAE*; ANNQHALC000AAF\$HPC0000AAF*)

When multiple or optional materials are specified for multiple locations, use AND/OR coding (\$/\$) entering in Appendix A, Table 5 sequence. (e.g., ANNQHALC000AAM\$HPC0000AAM\$HSTAA00AAS\$HSTD000AAS*)

Mode Code K is not authorized for this MRC.

ALL*

ANNR H SURFACE TREATMENT AND LOCATION

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SECTION I

APP

Key MRC Mode Code Requirements

Definition: THE PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS THE SURFACE OF THE ITEM AND ITS LOCATION.

Reply Instructions: Enter the applicable Reply Codes from [Appendix A](#), Table 3 and Appendix A, Table 5, respectively. (e.g., ANNRHPS0000AAB*)

Enter multiple or optional surface treatments in Appendix A, Table 3 sequence. (e.g., ANNRHCLB000AAE\$HNF0054AAE*; ANNRHCLB000AAE\$HNF0054AAE*)

When multiple or optional treatments are specified for multiple locations, AND/OR coding (\$/\$) entering in Appendix A, Table 5 sequence. (e.g., ANNRHCLB000AAE\$HNF0054AAE\$HCHA000AAS\$HNFG000AAS*)

Mode Code K is not authorized for this MRC.

ALL*

ANNS H NEEDLE CANNULA GAGE DESIGNATION AND LOCATION

Definition: A UNIVERSAL STANDARD STUBS NEEDLE GAGE DESIGNATION REPRESENTING THE OUTSIDE DIAMETER OF THE NEEDLE CANNULA AND ITS LOCATION ON THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from [Appendix A](#), Table 7 and Appendix A, Table 5, respectively. (e.g., ANNSHAAPAAC*)

Enter multiple or optional sizes in Appendix A, Table 7 sequence. (e.g., ANNSHAAYAAC\$HABAAAC*; ANNSHAACAAK\$HAAEAAK*)

When multiple or optional designations are specified for multiple locations, use AND/OR coding (\$/\$) entering in Appendix A, Table 5 sequence. (e.g., ANNSHAAYAAC\$HABAAAC\$HAAFAAD\$HAAGAAD*)

ALL*

ANNM D HUB TYPE

Definition: INDICATES THE TYPE OF HUB PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANNMDAAD*; ANNMDAAB\$DAAE*; ANNMDAAE\$DAAF*)

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Key	MRC	Mode Code	Requirements
		<u>REPLY CODE</u>	<u>REPLY (AJ88)</u>
		AAA	FEMALE
		AAB	HOSE CONNECTING
		AAZ	KNURLED
		AAC	LUER LOCK
		AAD	LUER SLIP
		AAU	MALE
		ABJ	NOTCHED
		AAE	SELF-THREADING
		AAF	THREADED

ALL*

ANNN D CANNULA WALL THICKNESS DESIGNATION

Definition: THE DESIGNATION OF THE WALL THICKNESS OF THE CANNULA.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANNNDAAAC*; ANNNDAAAC\$DAAD*)

<u>REPLY CODE</u>	<u>REPLY (AJ89)</u>
AAB	HEAVY
AAC	REGULAR
AAD	THIN

ALL*

ANNP D CANNULA BEVEL DESIGNATION

Definition: THE DESIGNATION APPLIED TO THE SLANT OR INCLINATION OF THE CANNULA AT THE INJECTION POINT.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 4. See Appendix B, Reference Drawing Group D, for diagrams. (e.g., ANNPDAAL*; ANNPDAAB\$\$DAAF*; ANNPDAAL\$DAAN*)

ALL*

AAPC D IDENTIFICATION CODE COLOR

Definition: THE APPLICATION OF COLOR OR A SERIES OF COLORS FOR THE EXPRESSED PURPOSE OF IDENTIFYING THE SPECIFIC FUNCTIONAL DESIGN AND/OR THE SYSTEM APPLICATION OF AN ITEM.

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SECTION I

APP
Key MRC Mode Code Requirements

Reply Instructions: For a single contrasting color marking applied to the basic body color, enter the applicable Reply Code from [Appendix A](#), Table 9. (e.g., AAPCDBL0000*; AAPCDBU0000\$\$DYE0000*)

ALL*

ADQF D HANDLE TYPE

Definition: INDICATES THE TYPE OF HANDLE DESIGNED TO BE ATTACHED TO OR THROUGH AN ITEM FOR THE PURPOSE OF OPENING, LIFTING, CLOSING, OR THE LIKE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ADQFDFQ*; ADQFDFS\$\$DFQ*; ADQFDBL\$DAR*)

<u>REPLY CODE</u>	<u>REPLY (AC55)</u>
FQ	CURVED
FS	DETACHABLE
CR	ROUND
EV	ROUND ETCHED
AR	STRAIGHT
BL	TAPERED
AJ	TEE
GN	WIRE LOOP

ALL*

ANFG D TIP TYPE

Definition: INDICATES THE TYPE OF TIP PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANFGDADH*; ANFGDADA\$\$DABC*)

<u>REPLY CODE</u>	<u>REPLY (AJ55)</u>
AER	BEVELED
AFK	CURVED
AHQ	DOUBLE POINTED
AHR	EXTRA SHARP
ADA	FLAT
ADH	MALLEABLE
ADL	OLIVE
AAK	OPEN END
AHF	SCREW
ADS	SHARP

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SECTION I

APP

Key	MRC	Mode Code	Requirements
		ADT	SHARP POINT
		AHS	SLIGHTLY DULLED CURVED POINT
		AHT	STAMEY BEVEL
		ABC	STRAIGHT

ALL*

ANNW	D	IMMEDIATE CONTAINER TYPE
------	---	--------------------------

Definition: INDICATES THE TYPE OF CONTAINER WITH WHICH THE ITEM IS IN DIRECT CONTACT.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 8. (e.g., ANNWDLK*; ANNWDEM\$DEN*)

ALL*

ANNX	A	IMMEDIATE CONTAINER QUANTITY
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Definition: THE NUMBER OF IMMEDIATE CONTAINERS.

Reply Instructions: Enter the quantity. (e.g., ANNXA20*)

ALL*

ANNY	A	QUANTITY WITHIN EACH IMMEDIATE CONTAINER
------	---	--

Definition: THE NUMBER OF ITEMS WITHIN EACH IMMEDIATE CONTAINER.

Reply Instructions: Enter the quantity. (e.g., ANNYA5*)

ALL*

AGUC	A	UNIT PACKAGE QUANTITY
------	---	-----------------------

Definition: THE NUMBER OF ITEMS CONTAINED IN THE UNIT PACKAGE.

Reply Instructions: Enter the quantity. (e.g., AGUCA100*)

The item of supply may consist of one or more immediate containers.

ALL*

AKYN	G	FURNISHED ITEMS AND QUANTITY
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SECTION I

APP
Key MRC Mode Code Requirements

Definition: THE NAME AND NUMBER OF THOSE PARTS FURNISHED WITH THE ITEM OF SUPPLY THAT HAVE NOT BEEN SPECIFIED ELSEWHERE.

Reply Instructions: Enter all furnished items in clear text. Separate multiple replies with a semicolon. (e.g., AKYNGGAUGE SPONGES, 1*; AKYNGFENESTRATED DRAPE, 1 PAIR; PREP TRAY, 1*)

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDAFM*; CBBLDAQES\$DAFM*; CBBLDAQES\$DAFM*)

<u>REPLY CODE</u>	<u>REPLY (AN47)</u>
EVD	ADJUSTABLE SECURITY STOP
AQE	DISPOSABLE
EVE	MALLEABLE
EVF	MICRON FILTER
EVG	NONADJUSTABLE SECURITY STOP
AQP	NONSTERILE
BA V	RADIOPAQUE
EVH	REMOVABLE CONTOURED GRIP
AQS	REUSABLE
AFM	STERILE

ALL*

FEAT G SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)

ALL*

TEST J TEST DATA DOCUMENT

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SECTION I

APP

Key MRC Mode Code Requirements

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321*;

TESTJA1234A-654321\$\$JB5556A-663654*;

TESTJAA2345-654321\$JB55566-663654*)

<u>REPLY CODE</u>	<u>REPLY (AC28)</u>
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.)
B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)
C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)

ALL*

SPCL G SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

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APP
Key MRC Mode Code Requirements

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL*

ZZZK J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B\$\$JP80205-NAS1103*)

<u>REPLY CODE</u>	<u>REPLY (AN62)</u>
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
B	NATIONAL STD/SPEC
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

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APP
Key MRC Mode Code Requirements

NOTE FOR MRC ZZZT: IF THE SPECIFICATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL* (See Note Above)

ZZZT J NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 6, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1\$JSTA*; ZZZTJTY1\$JSTA*)

ALL*

ZZZW G DEPARTURE FROM CITED DOCUMENT

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)

ALL*

ZZZX G DEPARTURE FROM CITED DESIGNATOR

Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)

ALL*

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APP Key	MRC	Mode Code	Requirements
	ZZZY	G	REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS

Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)

ALL*

CRTL	A	CRITICALITY CODE JUSTIFICATION
------	---	--------------------------------

Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.

Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL\$ASURF*)

Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.

NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.

ALL* (See Note Above)

PRPY	A	PROPRIETARY CHARACTERISTICS
------	---	-----------------------------

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

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Key MRC Mode Code Requirements

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding (\$\$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL\$\$ASURF*)

ALL*

ELRN G EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

ALL*

ELCD D EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

REPLY

CODE

A

REPLY (AN58)

ADDITIONAL DESCRIPTIVE DATA ON MANUAL
RECORD

SECTION III

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APP Key	MRC	Mode Code	Requirements
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ALL

AFJK	J	CUBIC MEASURE
------	---	---------------

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFJKJF27.000*; AFJKJE9.000*)

<u>REPLY CODE</u>	<u>REPLY (AD42)</u>
C	CUBIC CENTIMETERS
F	CUBIC FEET
B	CUBIC INCHES
E	CUBIC METERS

ALL

PRMT	D	PRECIOUS MATERIAL
------	---	-------------------

Definition: IDENTIFICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., PRMTDAGA000*; PRMTDAUA000\$\$DAGA000*)

<u>REPLY CODE</u>	<u>REPLY (MA01)</u>
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

ALL

PMWT	J	PRECIOUS MATERIAL AND WEIGHT
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Definition: AN INDICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM, AND THE AMOUNT PER A MEASUREMENT SCALE.

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APP
Key MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. Enter multiple replies in Table 1 sequence. (e.g., PMWTJPTA000R0.780*; PMWTJAU A000F0.500\$\$JAGA000R0.780*)

Table 1

REPLY CODE

AUA000
IRA000
AZA000
PDA000
PTA000
RHA000
RTA000
AGA000

REPLY (MA01)

GOLD
IRIDIUM
OSMIUM
PALLADIUM
PLATINUM
RHODIUM
RUTHENIUM
SILVER

Table 2

REPLY CODE

E
R
F

REPLY (AG14)

GRAINS, TROY
GRAMS
OUNCES, TROY

ALL

PMLC J PRECIOUS MATERIAL AND LOCATION

Definition: AN INDICATION OF THE PRECIOUS MATERIAL AND ITS LOCATION IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the location in clear text. (e.g., PMLCJAU A000TERMINALS*; PMLCJAU A000TERMINALS\$\$JAGA000INTERNAL SURFACES*)

REPLY CODE

AUA000
IRA000
AZA000
PDA000
PTA000
RHA000
RTA000
AGA000

REPLY (MA01)

GOLD
IRIDIUM
OSMIUM
PALLADIUM
PLATINUM
RHODIUM
RUTHENIUM
SILVER

ALL

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APP Key	MRC	Mode Code	Requirements
	AGAV	G	END ITEM IDENTIFICATION
	Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.		
	Reply Instructions: Enter the reply in clear text.		
	(e.g., AGAVG3930-00-000-0000*;		
	AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)		
ALL			
	SUPP	G	SUPPLEMENTARY FEATURES
	Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.		
	Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)		
ALL			
	ZZZP	J	PURCHASE DESCRIPTION IDENTIFICATION
	Definition: THE CONTROLLING ACTIVITY AND IDENTIFICATION OF A DOCUMENT USED IN LIEU OF A SPECIFICATION IN THE PROCUREMENT OF AN ITEM OF SUPPLY.		
	Reply Instructions: Enter the 5-position Commercial and Government Entity (CAGE) Code, followed by a dash and the identifying number of the document.		
	(e.g., ZZZPJ81A37-30624A*)		
ALL			
	ZZZV	G	FSC APPLICATION DATA
	Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.		
	Reply Instructions: Enter the name of the next higher classifiable assembly in clear text. (e.g., ZZZVGFUEL SYSTEM, GASOLINE ENGINE, NONAIRCRAFT*)		

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SECTION I

APP Key	MRC	Mode Code	Requirements
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ALL *

CXCY	G	PART NAME ASSIGNED BY CONTROLLING AGENCY
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Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT
AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN
OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR
CONTROL BOARD*)

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Table 1 - DESIGN DESIGNATIONS
DESIGN DESIGNATIONS

<u>REPLY CODE</u>	<u>REPLY (AJ50)</u>
ECY	ANESTHESIA
HBS	ANESTHESIA, RETROBULBAR
ACR	ARTERIAL
GGW	ARTHROSCOPIC
ACS	AUGER
DAV	BARBARA
ACT	BARKER
GUY	BERNARDINO-SONES
ACW	BIEGELEISEN
ACX	BIERMAN
BXG	BLOOD COLLECTING
GUZ	BRACHIAL PLEXUS ANESTHESIA
ACY	CAUDAL
GVA	CHIBA
ACZ	CHILCOTT
ADA	COEN
ADB	CONRAD-CROSBY
ADC	COPE
ADE	COURNAND
AFB	DENTAL
GQV	DINGMAN
ADF	EPIDURAL
ADG	FISCHER
AFH	FISTULA
ADH	FRANKLIN-SILVERMAN
CCY	GENERAL PURPOSE
ADJ	HENDON

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<u>REPLY CODE</u>	<u>REPLY (AJ50)</u>
ADK	HINGSON-EDWARDS
ADL	HINGSON-FERGUSON
GJV	HOUSE
CFC	HUBER
HBG	ICU (High Risk)
EQK	INFUSION
ECZ	INTRADERMAL
HBN	INTRAOSSEOUS INFUSION
ABJ	INTRAVENOUS
HBT	KOPANS
ADM	LEMMON
ADN	LEWISOHN
ADP	LINDEMAN
HBU	LOPANS BREAST LESION
ADQ	LUNDY-IRVINE
AGE	MARTIN UTERINE
ADR	MENGHINI
AAP	MYELOGRAPHY
DBU	MYOCARDIAL
ADS	NEW YORK BOARD OF HEALTH
ADT	OSGOOD
ADW	PARASYMPATHETIC NERVE BLOCK
HBW	PERCUTANIOUS ENTRY
ADX	PETROFF
ADY	PITKIN
EDA	PNEUMOTHORAX
DBV	PORT-A-CATH
HBV	PRECUCUT-CYTOLOGIC-HISTOLOGIC
EDB	PROSTATIC
ADZ	QUINCKE-BABCOCK
AEA	RIDER-MOELLER
AEB	ROBB
GJK	ROSEN
AEC	ROSENTHAL
AED	SACRAL
AEE	SADDLE BLOCK
AEF	SILVERMAN
CQC	SNYDER HEMOVAC
HCY	SOFCOR
AEG	SPINAL
HCZ	STIFCOR
AEH	SUTTON
AEJ	SYMPATHETIC NERVE BLOCK
AEK	TITUS
ACH	TUOHY
AEL	TURKEL
BSW	TURNER
HCX	VERIS

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<u>REPLY CODE</u>	<u>REPLY (AJ50)</u>
AGX	VETERINARY
EDC	VIM ODEN
EDD	VIM-SILVERMAN
AEM	WEBSTER

Table 2 - MATERIALS
MATERIALS

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
ALC000	ALUMINUM
AL0000	ALUMINUM ALLOY
BR0000	BRASS
BR0378	BRASS, GG-I-526, CLASS 8, ALLOY 260
BR0379	BRASS, GG-I-526, CLASS 8, ALLOY 270
BR0380	BRASS, GG-I-526, CLASS 8, ALLOY 360
ME0000	METAL
NS0000	NICKEL SILVER
NS0005	NICKEL SILVER, GG-I-526, CLASS 8, ALLOY 752
PC0000	PLASTIC
PCCR00	PLASTIC, POLYETHYLENE
PCAF00	PLASTIC, POLYPROPYLENE
PCAG00	PLASTIC, POLYSTYRENE
PCAH00	PLASTIC, POLYTETRAFLUOROETHYLENE (Teflon)
PCCCA0	PLASTIC, THERMOPLASTIC
PT0000	PLATINUM
AG0000	SILVER
	Steel, AISI 304 (use Reply Code ST1617)
STB000	STEEL, CORROSION RESISTING
ST1617	STEEL, FED STD 66, AISI 304/SAE 30304
ST3100	STEEL, GG-I-526, CLASS 3, TYPE 302
ST3101	STEEL, GG-I-526, CLASS 3, TYPE 303
ST3102	STEEL, GG-I-526, CLASS 3, TYPE 304
ST3103	STEEL, GG-I-526, CLASS 3, TYPE 316
ST3104	STEEL, GG-N-196, TYPE 1
ST3105	STEEL, GG-N-196, TYPE 2
STAAM0	STEEL, HIGH SILICON
STD000	STEEL, STAINLESS

Table 3 - SURFACE TREATMENTS
SURFACE TREATMENTS

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
AN0000	ANODIZED
CLB000	CHEMICALLY TREATED
CHA000	CHROME-NICKEL PLATED
CR0000	CHROMIUM

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<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
CR0027	CHROMIUM-NICKEL PLATED, GG-I-526, CLASS 8
CRA000	CHROMIUM PLATED
CR0001	CHROMIUM, QQ-C-320, CLASS 1, TYPE 1
NFC000	NICKEL OR CHROME
NFG000	NICKEL PLATED
NF0054	NICKEL PLATED, GG-I-526, CLASS 8
	Nickel Plated, GG-I-526 (use Reply Code NF0009)
NF0009	NICKEL PLATED, QQ-N-290, CLASS 1, TYPE 6
PS0000	PASSIVATED
PCAH00	PLASTIC, POLYTETRAFLUOROETHYLENE (Teflon)
SLJ000	SILICON
	Siliconized (use Reply Code SLJ000)
AGE000	SILVER PLATED

Table 4 - CANNULA BEVEL DESIGNATIONS
CANNULA BEVEL DESIGNATIONS

<u>REPLY CODE</u>	<u>REPLY (AJ90)</u>
AAB	ARTERIAL
AAP	DOUBLE
AAC	HUBER CLOSED
AAD	INTERMEDIATE
AAE	INTRADERMAL
AAF	INTRAVENOUS
AAG	LONG
AAH	MEDIUM
AAJ	REGULAR
AAK	ROUNDED
AAL	SHORT
AAM	SPINAL
AAN	VERY SHORT

Table 5 - LOCATIONS
LOCATIONS

<u>REPLY CODE</u>	<u>REPLY (AJ91)</u>
DMC	BALL STOP
AAC	CANNULA (Outer Cannula)
AAD	CLEANING WIRE
AAE	FITTED STYLET
AKZ	HEAD
AAF	HUB
AAG	INNER CANNULA
AAJ	INNER CANNULA KNOB
AAH	INNER NEEDLE
AAK	INTRODUCER KNOB

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<u>REPLY CODE</u>	<u>REPLY (AJ91)</u>
AAN	MIDDLE CANNULA
AAL	OBTURATOR KNOB
AAP	OBTURATOR ROD
AAB	OVERALL
ALG	PIN
AAT	SECURITY STOP
AAW	SHEATH
AAQ	SPRING CLIP
AAM	STYLET KNOB
AAS	STYLET WIRE
DTX	TAPERED CANNULA
AAR	TROCAR
EBR	WIRE TWISTER

Table 6 - NONDEFINITIVE SPEC/STD DATA
NONDEFINITIVE SPEC/STD DATA

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM

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<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
FA	FORMULA
GR	GRADE
GP	GROUP
BA	IMAGE COLOR
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BB	MAXIMUM DENSITY
MH	MESH
ME	METHOD
BC	MINIMUM DENSITY
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION

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<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Table 7 - STUBS NEEDLE CANNULA GAGE DESIGNATION
STUBS NEEDLE CANNULA GAGE DESIGNATION

<u>REPLY CODE</u>	<u>REPLY (AJ92)</u>
AAB	6 GAGE
AAC	7 GAGE
AAD	8 GAGE
AAE	9 GAGE
AAF	10 GAGE
AAG	11 GAGE
AAH	12 GAGE
AAJ	13 GAGE
AAK	14 GAGE
AAL	15 GAGE
AAM	16 GAGE
AAN	17 GAGE
AAP	18 GAGE
AAQ	19 GAGE
AAR	20 GAGE
AAS	21 GAGE
AAT	22 GAGE
AAW	23 GAGE
AAX	24 GAGE
AAZ	25 GAGE
AAZ	26 GAGE
ABA	27 GAGE
ABB	28 GAGE
ABC	29 GAGE
ABD	30 GAGE
ABE	31 GAGE
ABF	32 GAGE
ABG	33 GAGE

Table 8 - CONTAINER TYPES
CONTAINER TYPES

<u>REPLY CODE</u>	<u>REPLY (AE96)</u>
AE	BAG
HC	BAG, BARRIER
AL	BAG, CELLOPHANE
PB	BAG, PAPER
BD	BAG, PLASTIC
LJ	BAG, PLASTIC, POLYETHYLENE
LK	BLISTER PACK, CONFORMING
LL	BLISTER PACK, NONCONFORMING
BV	BOTTLE, GLASS
CB	BOTTLE, PLASTIC
AB	BOX
HD	BOX, CARDBOARD
HH	BOX, FIBERBOARD
LA	BOX, PAPERBOARD
AD	BOX, PLASTIC
AH	CAN
AJ	CARTON
KB	CARTON, PAPERBOARD
LB	CARTON, PLASTIC
LC	CARTON, PLASTIC, POLYETHYLENE
LD	CARTON, PLASTIC, RIGID
DX	CARTRIDGE
AK	CASE
AAJJ	CYLINDER, PLASTIC, RIGID
AP	ENVELOPE
EL	ENVELOPE, HEAT SEALED
EM	ENVELOPE, PAPER
EN	ENVELOPE, PLASTIC
FD	PACKAGE
LE	PACKAGE, PLASTIC, POLYETHYLENE
AAQH	PACKAGE, STRIP SEAL
LF	RACK, CARDBOARD
LG	RACK, METAL
LH	RACK, PLASTIC
LM	SHEATH, PLASTIC, POLYETHYLENE, WITH CAP
AAJK	SHEATH, PLASTIC, POLYPROPYLENE, WITH CAP
AAJL	SHEATH, PLASTIC, WITH CAP
LN	TRAY, PLASTIC

Table 9 - IDENTIFICATION CODE COLORS
IDENTIFICATION CODE COLORS

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<u>REPLY CODE</u>	<u>REPLY (AD06)</u>
AM0000	AMBER
BL0000	BLACK
BU0000	BLUE
BU0005	BLUE, DARK
BR0000	BROWN
CL0000	CLEAR
GY0000	GRAY
GR0000	GREEN
GR0032	GREEN, LIGHT
MS0031	LAVENDER
GR0047	LIME
LD0008	OLIVE
RG0000	ORANGE
PK0000	PINK
PU0000	PURPLE
RE0000	RED
SL0000	SILVER
TA0000	TAN
WH0000	WHITE
YE0000	YELLOW

Reference Drawing Groups

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REFERENCE DRAWING GROUP E	51
REFERENCE DRAWING GROUP F	52

REFERENCE DRAWING GROUPS A, B, AND C Tables
NEEDLE INTRODUCERS, BIOPSY NEEDLES, HYPODERMIC NEEDLES

INDEX OF MASTER REQUIREMENT CODES

Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value.
(e.g., ANPCJAA1.000*; ANPCJLA25.4*; ANPCJAB2.495\$\$JAC2.503*)

Priority of replies to styles shall be as indicated below:

- a. If the source document does not indicate a Stubs Needle Gage Number for the outside diameter of the cannula(s), select the applicable style from Reference Drawing Groups A, B, C and reply to all the MRCs.
- b. If the source document indicates a Stubs Needle Gage Number(s) for the outside diameter of the cannula(s), select the applicable style from Reference Drawing Groups A, B, C and reply to all the MRCs applicable to the style except the MRCs indicated with a broken line and suffix the style with the letter A.

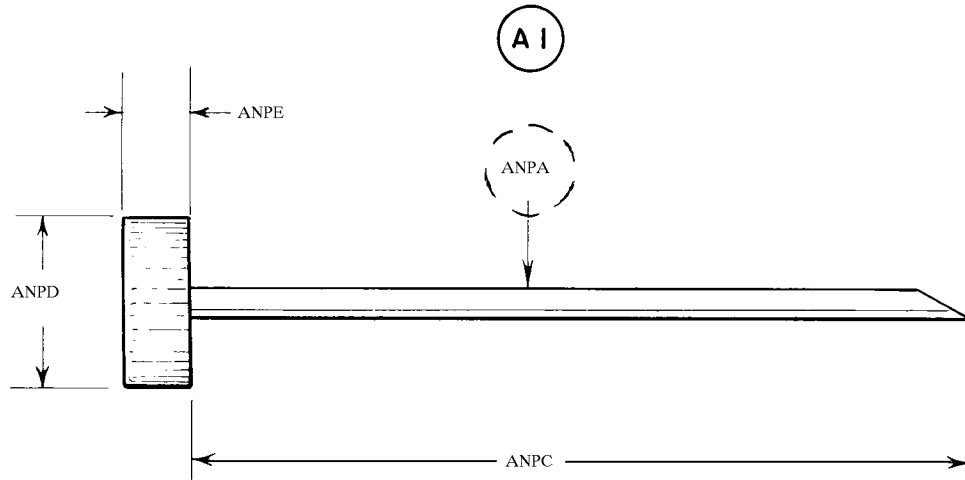
<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

<u>MRC</u>	<u>Mode Code</u>	<u>Name of Dimension</u>
ANPA	J	CANNULA OUTSIDE DIAMETER
ANPB	J	CANNULA INSIDE DIAMETER
ANPC	J	CANNULA LENGTH (outer cannula)
ANPD	J	KNOB DIAMETER
ANPE	J	KNOB THICKNESS
ANPF	J	INNER CANNULA OUTSIDE DIAMETER
ANPG	J	INNER CANNULA PROTRUSION LENGTH BEYOND OUTER CANNULA END
ANPH	J	MIDDLE CANNULA OUTSIDE DIAMETER

REFERENCE DRAWING GROUP A

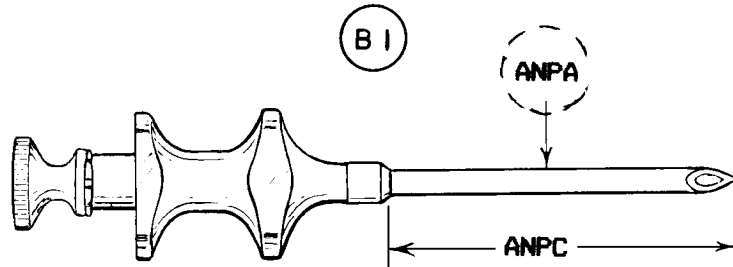
NEEDLE INTRODUCERS



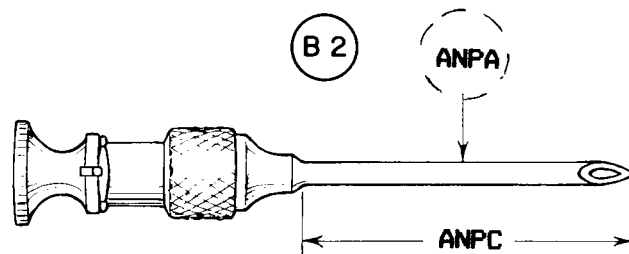
PNEUMOTHORAX OR SPINAL ANESTHESIA

REFERENCE DRAWING GROUP B

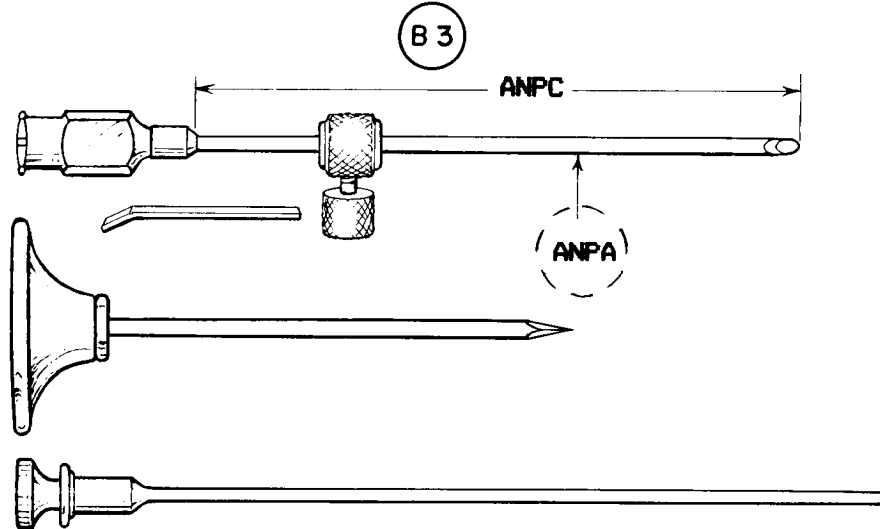
BIOPSY NEEDLES



BONE MARROW AND TRANSFUSION



BONE MARROW AND TRANSFUSION



LIVER OR KIDNEY

FIG A218
APPENDIX B

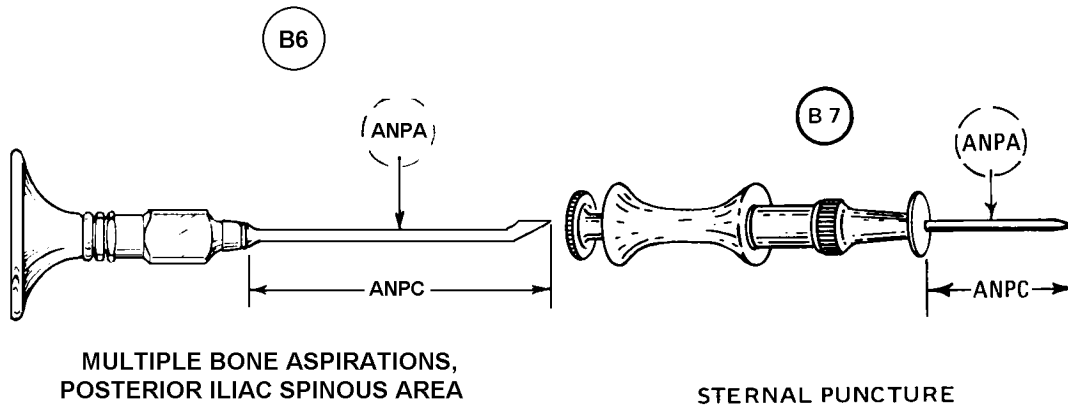
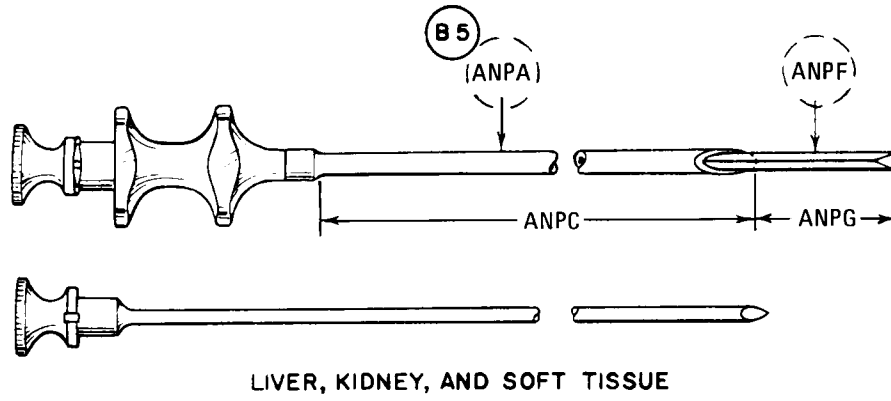
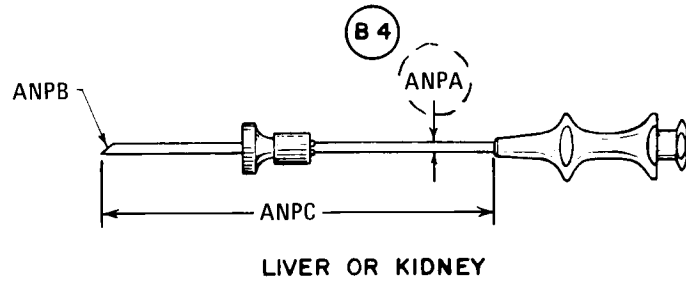
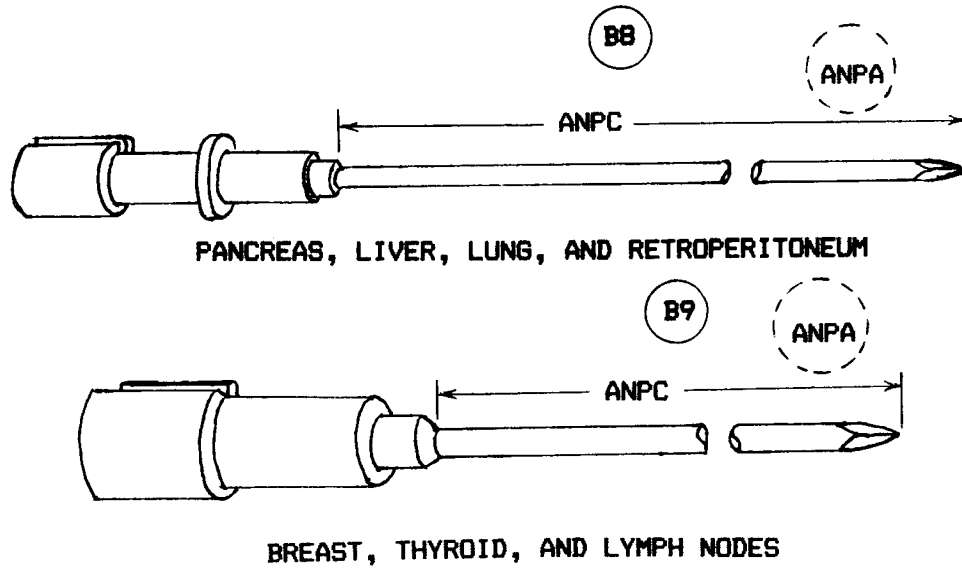
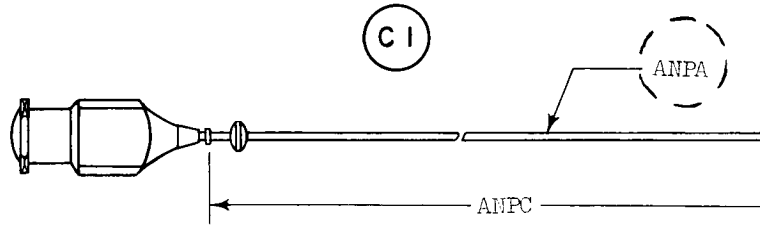


FIG A218
APPENDIX B

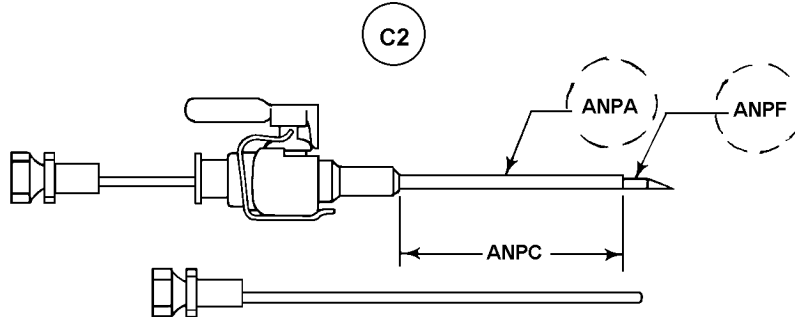


REFERENCE DRAWING GROUP C

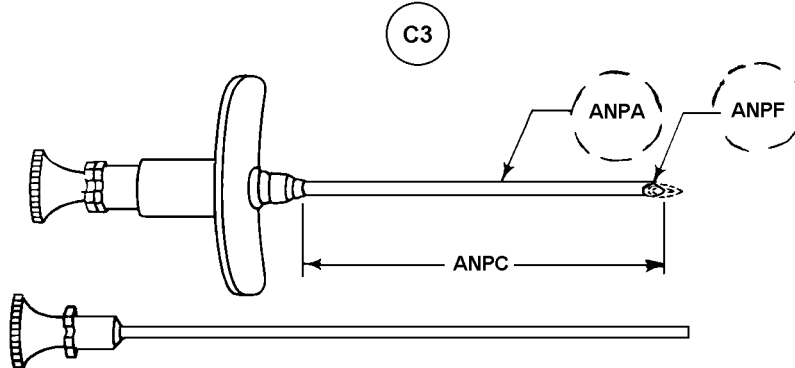
HYPODERMIC NEEDLES



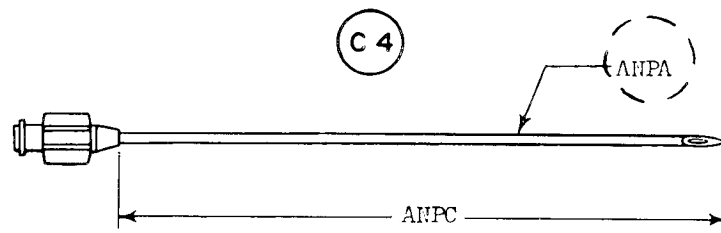
ANESTHESIA



ANGIOCARDIOGRAPH



ARTERIAL



ASPIRATING - PNEUMOTHORAX

FIG A218
APPENDIX B

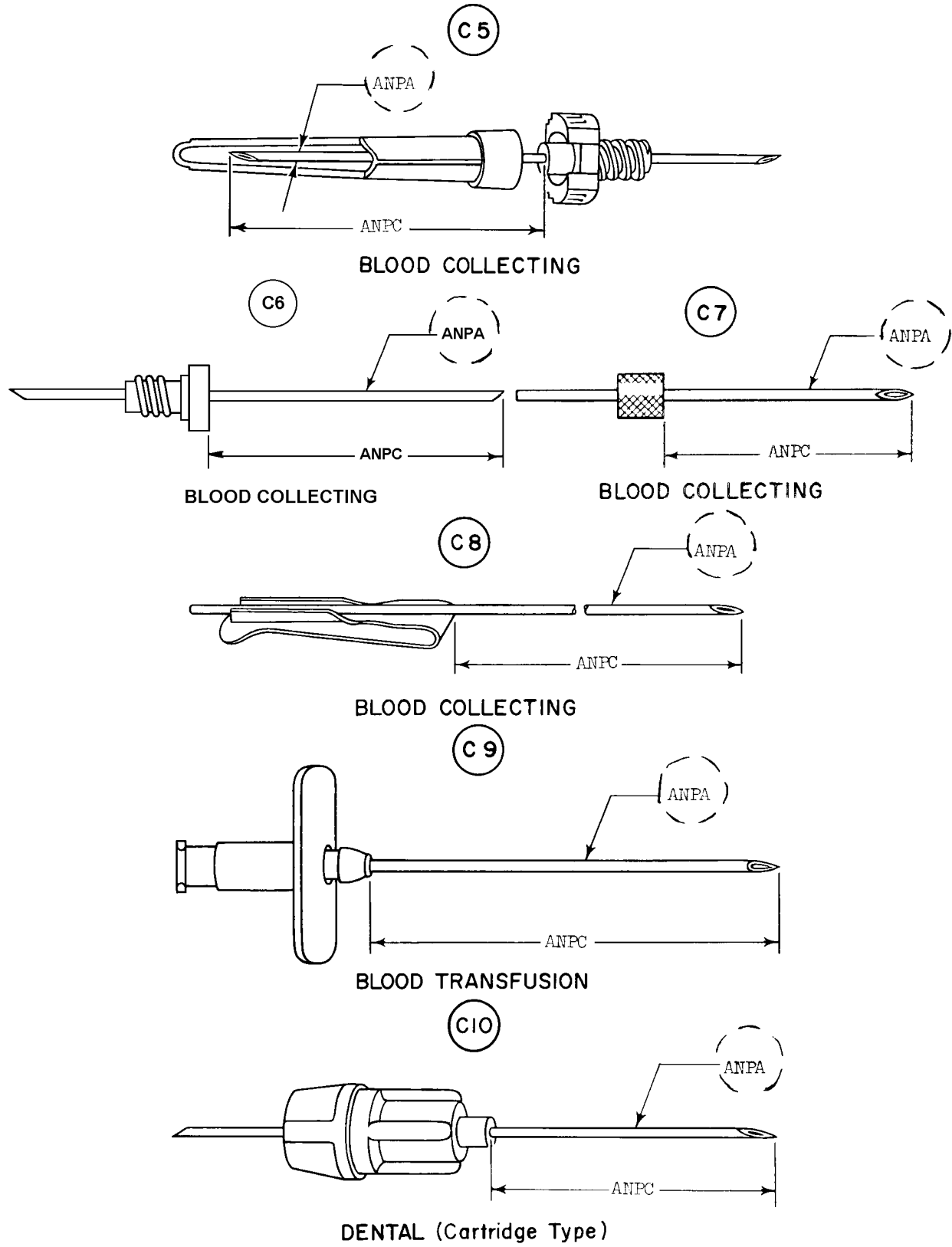


FIG A218
APPENDIX B

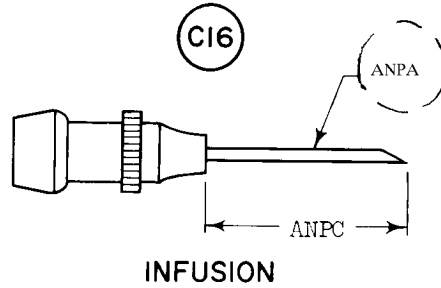
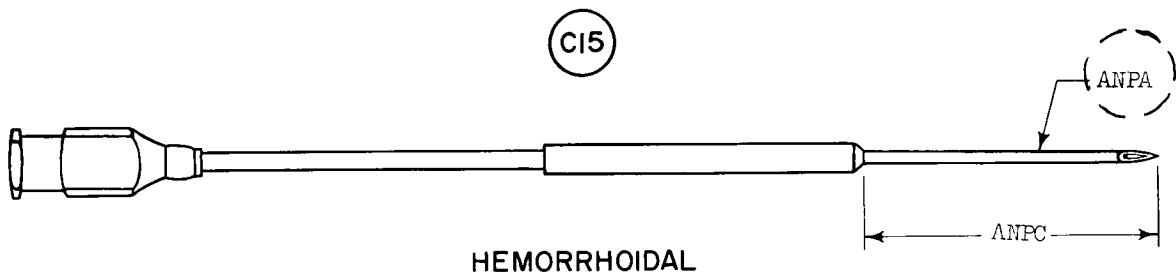
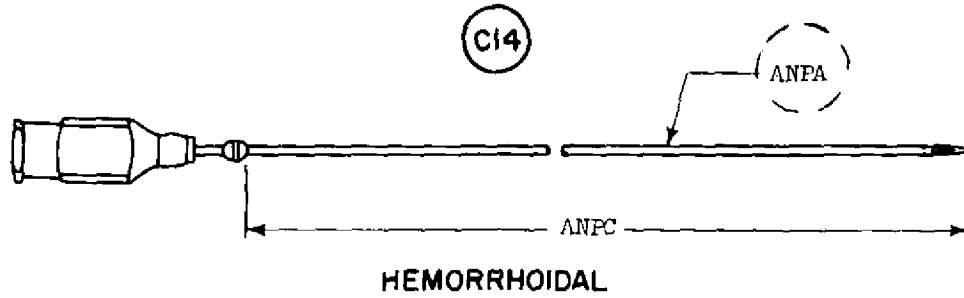
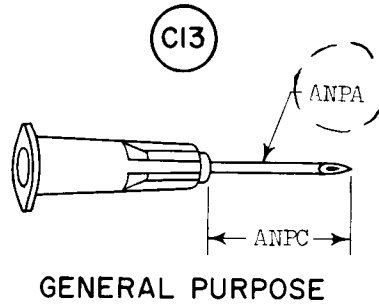
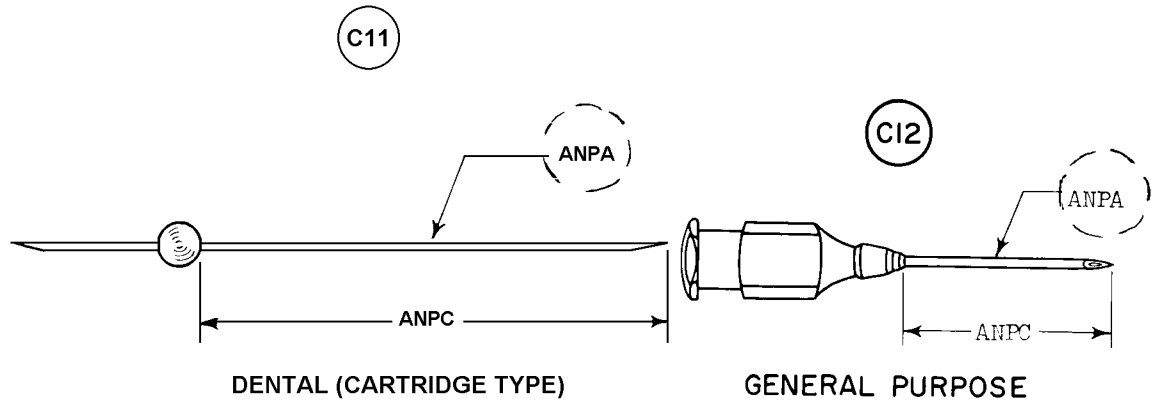
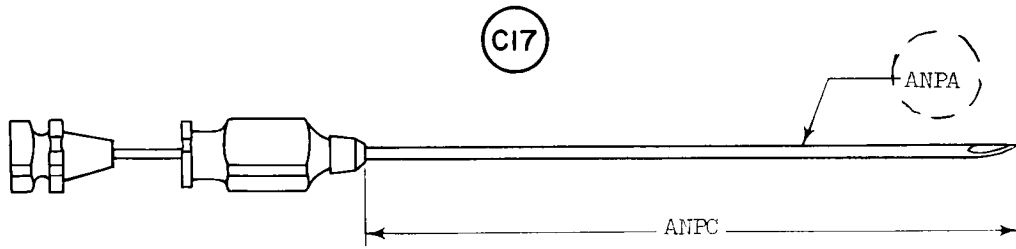
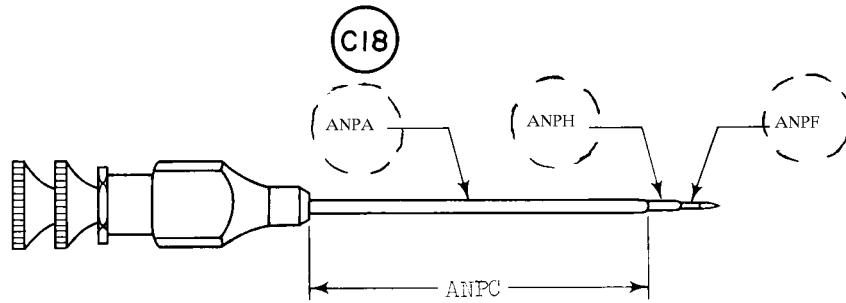


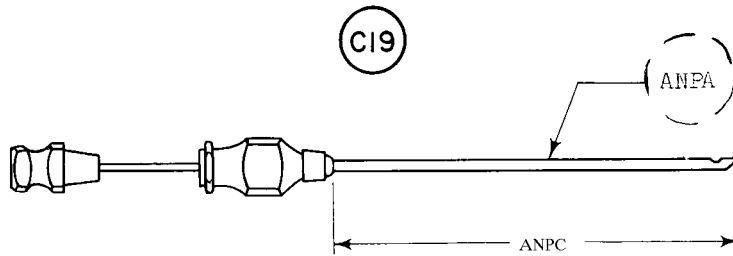
FIG A218
APPENDIX B



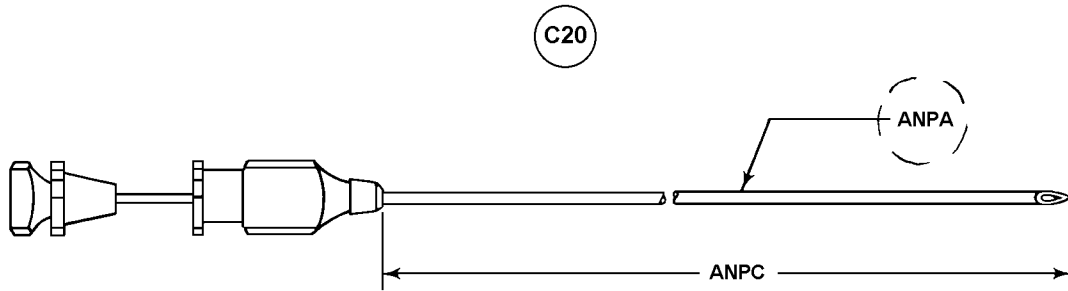
INTRAVENOUS



INTRAVENOUS, ARTERIAL,
AND BLOOD TRANSFUSION

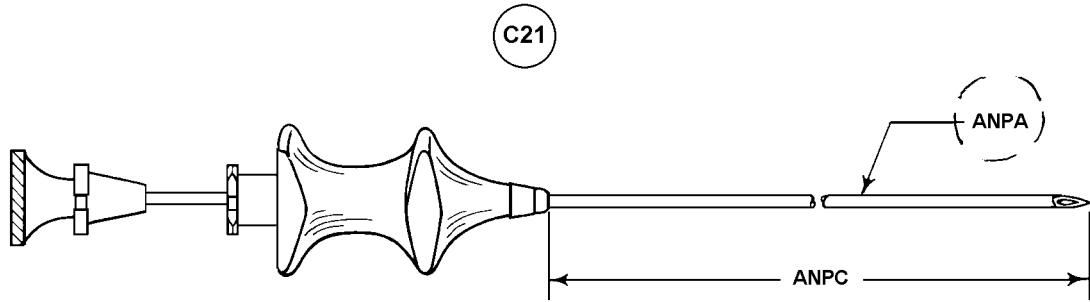


PNEUMOTHORAX REFILL

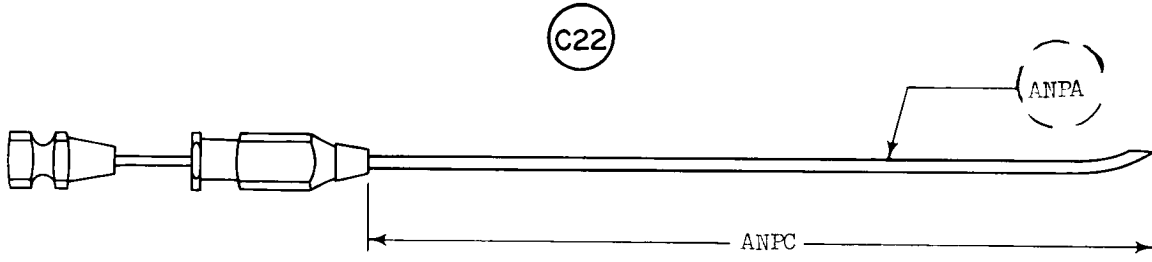


SPINAL

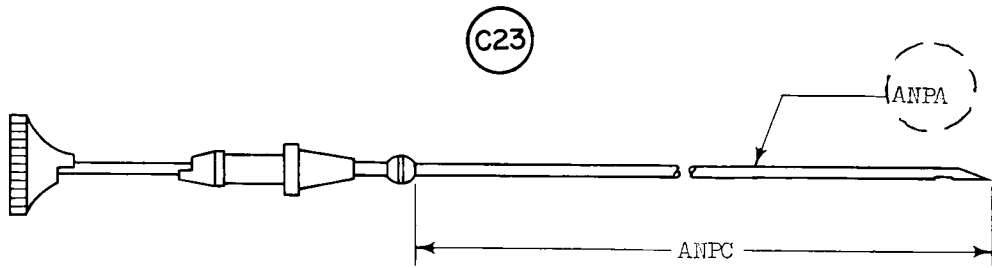
FIG A218
APPENDIX B



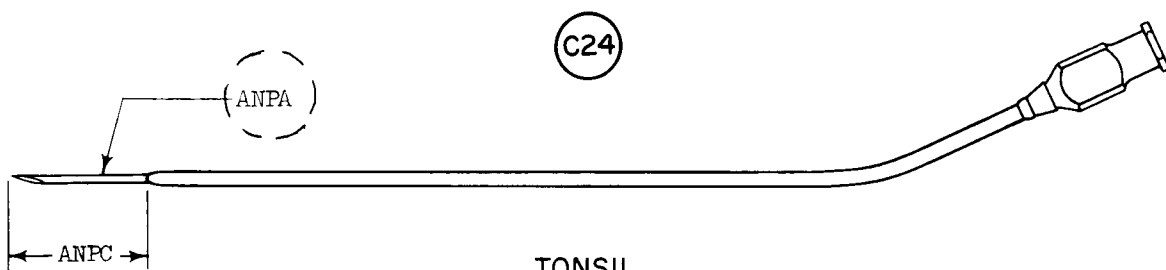
SPINAL ANESTHESIA



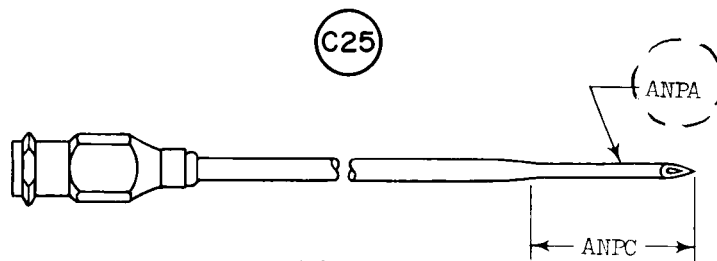
SPINAL ANESTHESIA



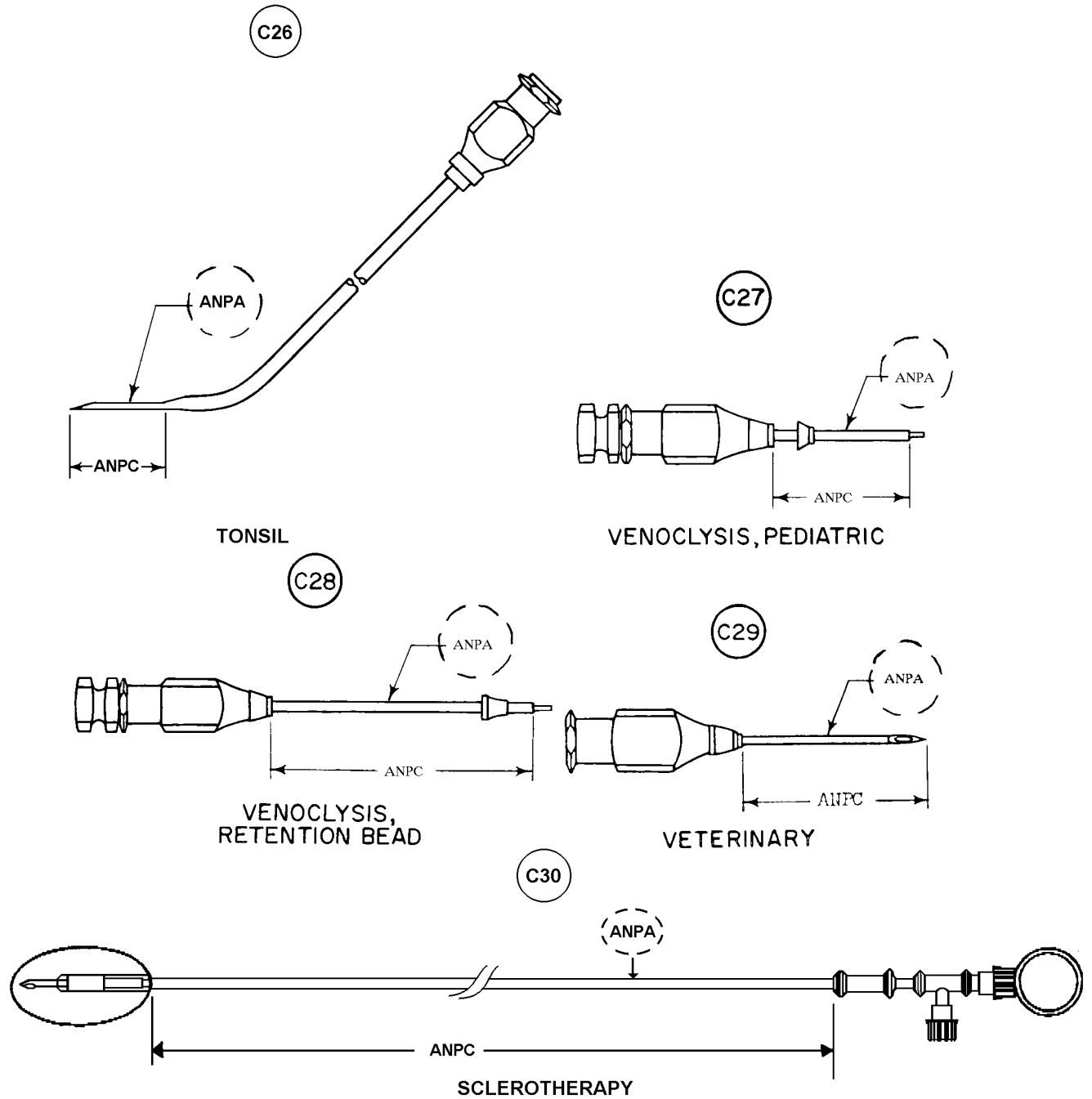
SPINAL ANESTHESIA



TONSIL



TONSIL

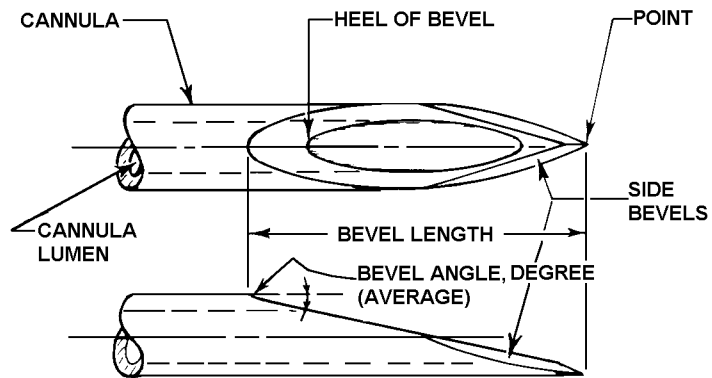


REFERENCE DRAWING GROUP D

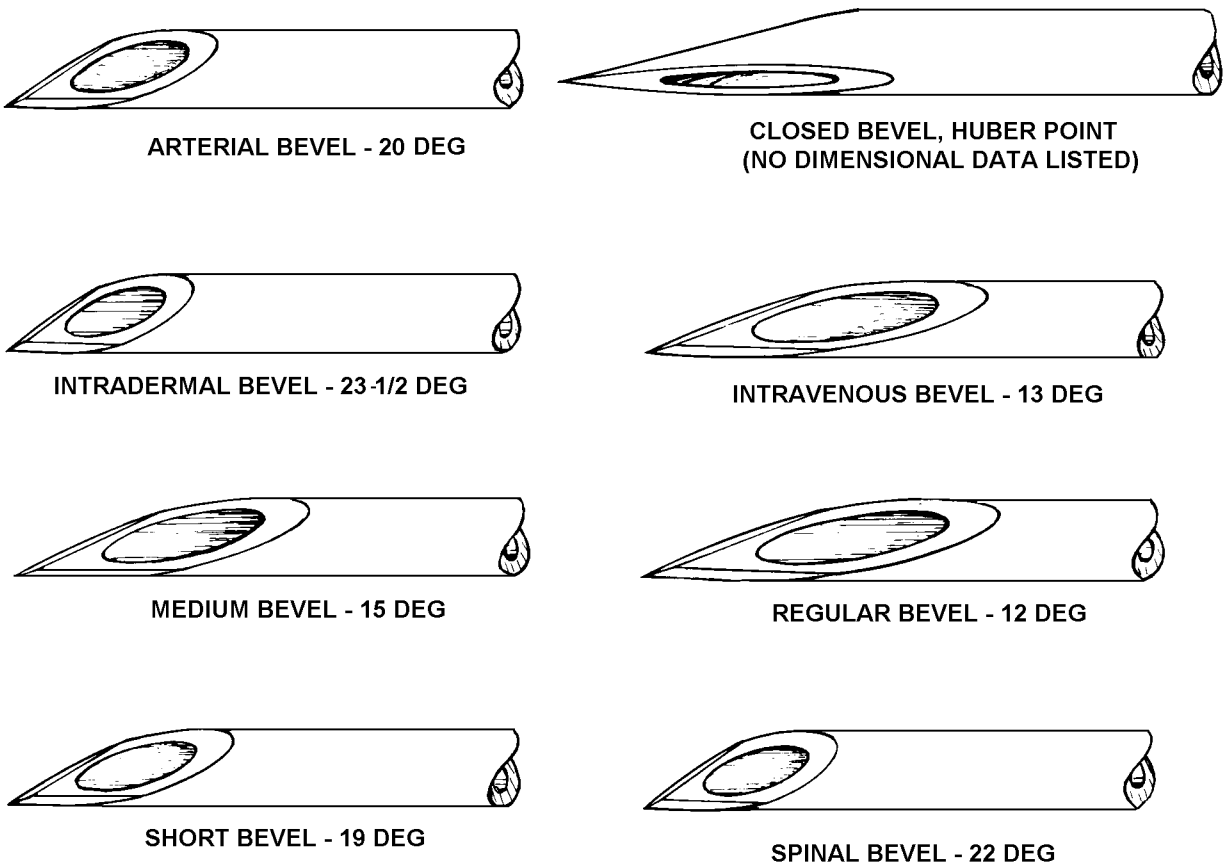
BEVEL DESIGNATIONS

FIG A218
APPENDIX B

(No Requirements)



BEVEL NOMENCLATURE



REFERENCE DRAWING GROUPS E AND F Tables
NEEDLE INTRODUCERS, BIOPSY NEEDLES, HYPODERMIC NEEDLES

INDEX OF MASTER REQUIREMENT CODES

Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value.
(e.g., ANPCJAA1.000*; ANPCJLA25.4*; ANPCJAB2.495\$\$JAC2.503*)

Priority of replies to styles shall be as indicated below:

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- b. If the source document indicates a Stubs Needle Gage Number(s) for the outside diameter of the cannula(s), select the applicable style from Reference Drawing Groups E and F and reply to all the MRCs applicable to the style.

<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

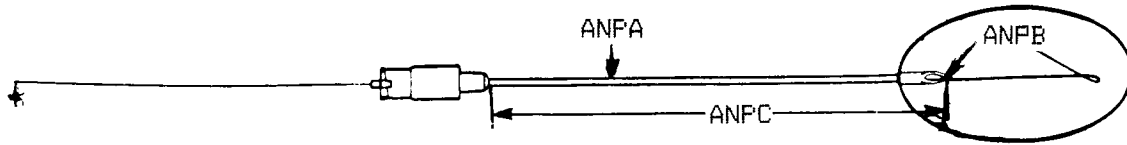
<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

<u>MRC</u>	<u>Mode Code</u>	<u>Name of Dimension</u>
ANPA	J	CANNULA OUTSIDE DIAMETER
ANPB	J	CANNULA INSIDE DIAMETER
ANPC	J	CANNULA LENGTH (outer cannula)
ANPD	J	KNOB DIAMETER
ANPE	J	KNOB THICKNESS
ANPF	J	INNER CANNULA OUTSIDE DIAMETER
ANPG	J	INNER CANNULA PROTRUSION LENGTH BEYOND OUTER CANNULA END
ANPH	J	MIDDLE CANNULA OUTSIDE DIAMETER

REFERENCE DRAWING GROUP E

MARKING NEEDLES

E1

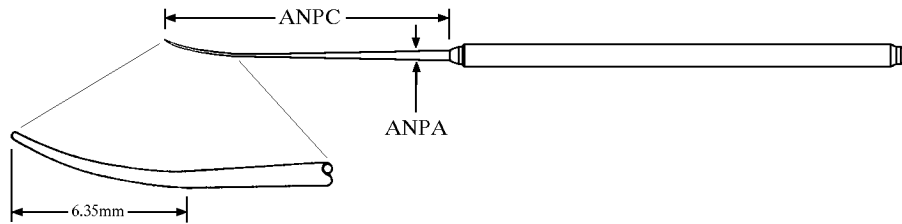


BREAST LESIONS

REFERENCE DRAWING GROUP F

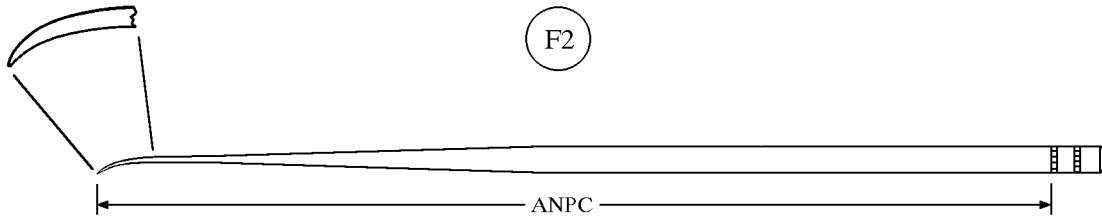
SPECIAL PURPOSE NEEDLES

F1



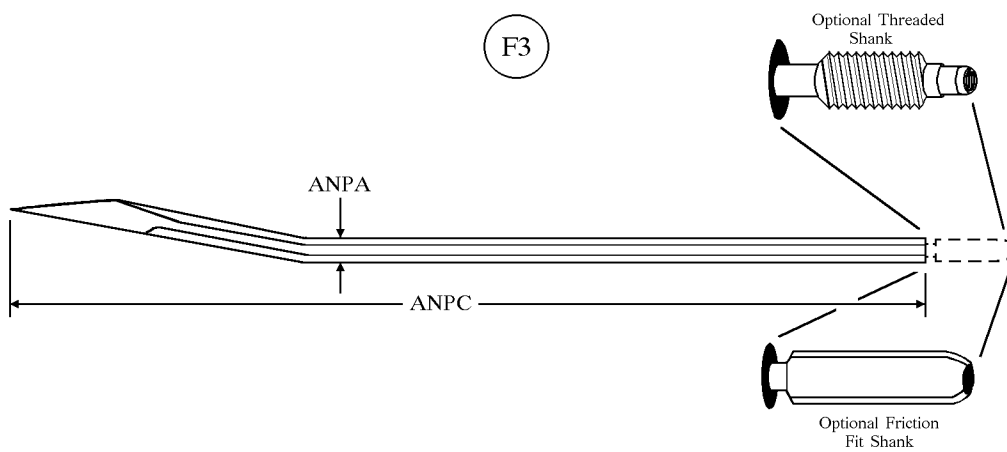
HOUSE-TYPE EAR

F2



UTILITY EAR

F3



WOUND DRAINAGE EVACUATOR

FIG A218
APPENDIX B

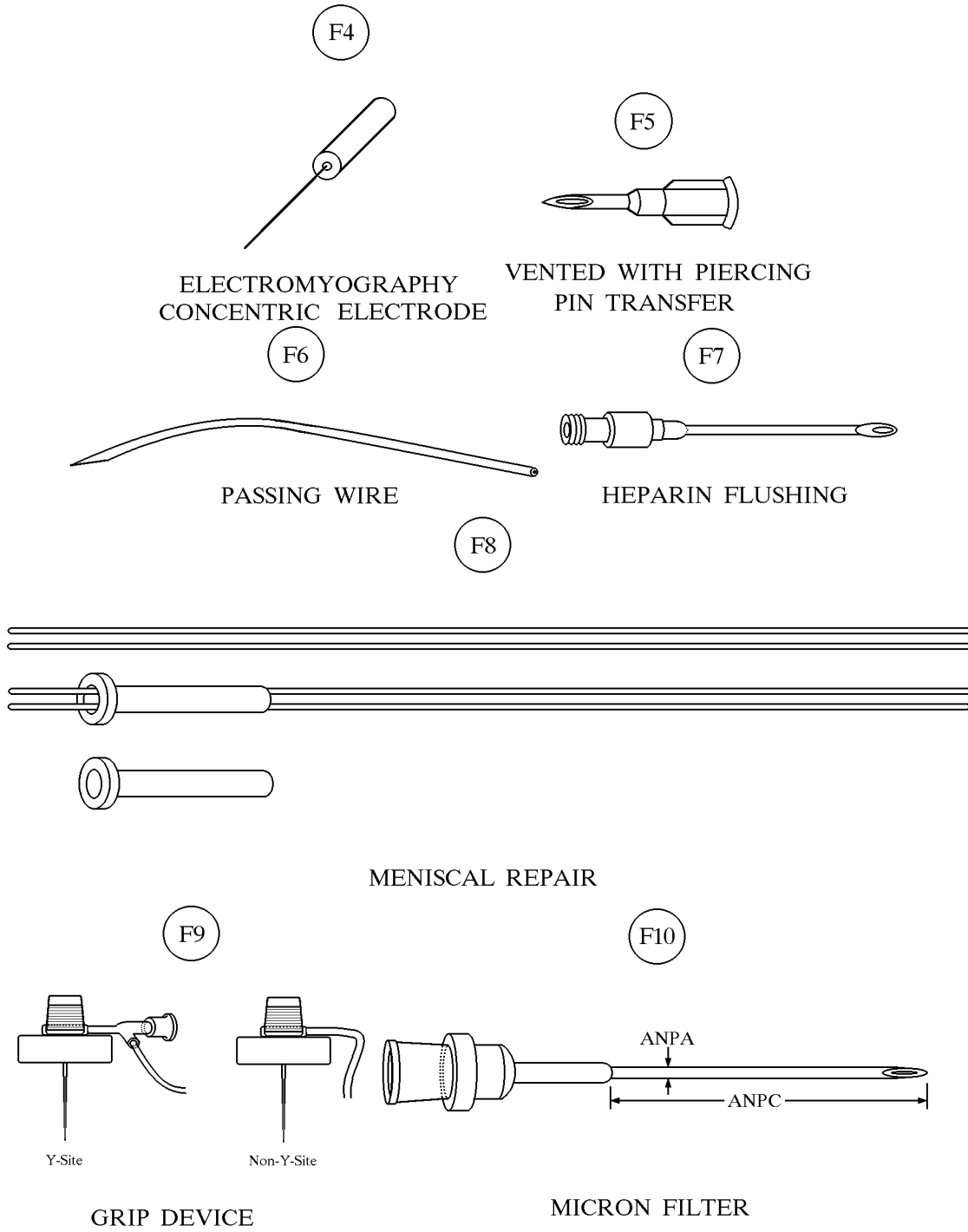
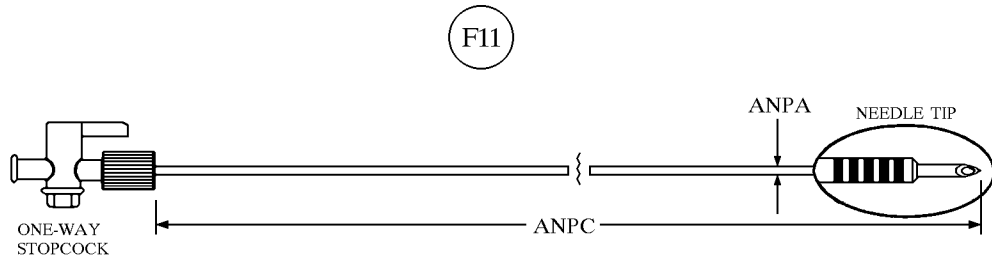
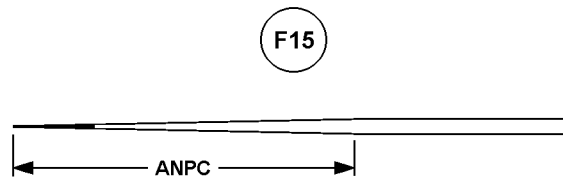
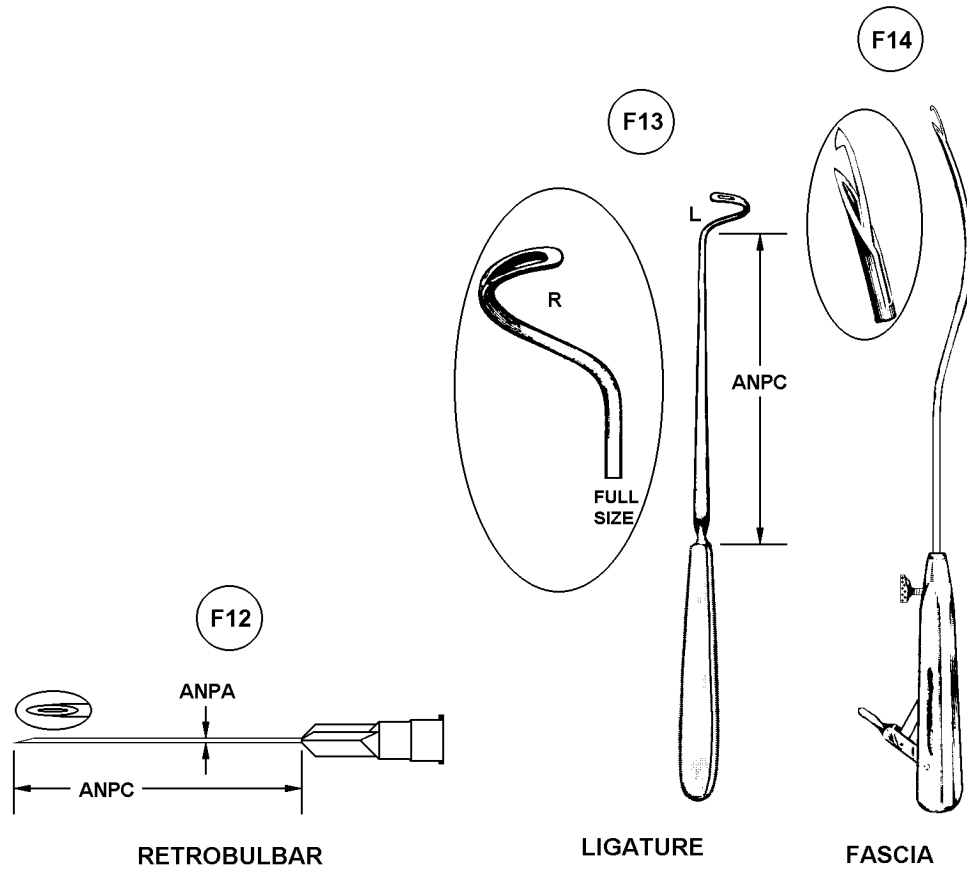


FIG A218
APPENDIX B



FLUIDS INJECTION, ENDOSCOPIC



SHATTERING, EAR BONE

Technical Data Tables

STANDARD FRACTION TO DECIMAL CONVERSION CHART	56
CANNULA WALL DIMENSIONS FOR STUBS GAGE	57
OUNCE TO DECIMAL OF A POUND CONVERSION CHART	57

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APPENDIX C

STANDARD FRACTION TO DECIMAL CONVERSION CHART

<u>4ths</u>	<u>8ths</u>	<u>16ths</u>	<u>32nds</u>	<u>64ths</u>	<u>To 3</u>	<u>To 4</u>	<u>4ths</u>	<u>8ths</u>	<u>16ths</u>	<u>32nds</u>	<u>64ths</u>	<u>To 3</u>	<u>To 4</u>
				1/64	.016	.0156					33/64	.516	.5156
			1/32	-----	.031	.0312				17/32	-----	.531	.5312
				3/64	.047	.0469					35/64	.547	.5469
		1/16	-----		.062	.0625			9/16	-----	-----	.562	.5625
				5/64	.078	.0781					37/64	.578	.5781
			3/32	-----	.094	.0938				19/32	-----	.594	.5938
				7/64	.109	.1094					39/64	.609	.6094
	1/8	-----	-----	-----	.125	.1250		5/8	-----	-----	-----	.625	.6250
				9/64	.141	.1406					41/64	.641	.6406
			5/32	-----	.156	.1562				21/32	-----	.656	.6562
				11/64	.172	.1719					43/64	.672	.6719
		3/16	-----	-----	.188	.1875			11/16	-----	-----	.688	.6875
				13/64	.203	.2031					45/64	.703	.7031
			7/32	-----	.219	.2188				23/32	-----	.719	.7188
				15/64	.234	.2344					47/64	.734	.7344
1/4	-----	-----	-----	-----	.250	.2500	3/4	-----	-----	-----	-----	.750	.7500
				17/64	.266	.2656					49/64	.766	.7656
			9/32	-----	.281	.2812				25/32	-----	.781	.7812
				19/64	.297	.2969					51/64	.797	.7969
		5/16	-----	-----	.312	.3125			13/16	-----	-----	.812	.8125
				21/64	.328	.3281					53/64	.828	.8281
			11/32	-----	.344	.3438				27/32	-----	.844	.8438
				23/64	.359	.3594					55/64	.859	.8594
	3/8	-----	-----	-----	.375	.3750		7/8	-----	-----	-----	.875	.8750
				25/64	.391	.3906					57/64	.891	.8906
			13/32	-----	.406	.4062				29/32	-----	.906	.9062
				27/64	.422	.4219					59/64	.922	.9219
		7/16	-----	-----	.438	.4375			15/16	-----	-----	.938	.9375
				29/64	.453	.4531					61/64	.953	.9531
			15/32	-----	.469	.4688				31/32	-----	.969	.9688
				31/64	.484	.4844					63/64	.984	.9844
					.500	.5000						1.000	1.0000

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APPENDIX C

CANNULA WALL DIMENSIONS FOR STUBS GAGE

<u>Stubs Gage No.</u>	<u>THIN WALL</u>			<u>REGULAR WALL</u>			<u>HEAVY WALL</u>		
<u>Inside Diameter, Cannula (inches)</u>	<u>Inside Diameter, Cannula (inches)</u>			<u>Inside Diameter, Cannula (inches)</u>			<u>Inside Diameter, Cannula (inches)</u>		
<u>Min.</u>	<u>Nominal</u>	<u>Max.</u>	<u>Min.</u>	<u>Nominal</u>	<u>Max.</u>	<u>Min.</u>	<u>Nominal</u>	<u>Max.</u>	
33	.0045	.005	.0060	.0035	.004	.0050			
32	.0045	.005	.0060	.0035	.004	.0050			
31	.0055	.006	.0070	.0045	.005	.0060			
30	.0065	.007	.0080	.0055	.006	.0070	.0044	.005	.0061
29	.0075	.008	.0090	.0065	.007	.0080	.0054	.006	.0071
28	.0075	.008	.0090	.0065	.007	.0080	.0034	.004	.0051
27	.0095	.010	.0110	.0075	.0075	.0090	.0054	.006	.0071
26	.0115	.012	.0130	.0095	.0095	.0110	.0074	.008	.0091
25	.0115	.012	.0130	.0095	.0095	.0110	.0072	.008	.0093
24	.0135	.014	.0150	.0115	.0115	.0130	.0092	.010	.0113
23	.0150	.015	.0165	.0125	.0125	.0140	.0092	.010	.0113
22	.0180	.018	.0195	.0155	.0155	.0170	.0122	.013	.0143
21	.0220	.022	.0235	.0195	.0195	.0210	.0162	.017	.0183
20	.0255	.0255	.0270	.0230	.023	.0245	.0197	.0205	.0218
19	.0300	.0315	.0330	.2255	.027	.0285	.0210	.0225	.0240
18	.0410	.042	.0430	.0315	.033	.0345	.0285	.030	.0315
17	.0445	.046	.0475	.0395	.041	.0425	.0375	.039	.0405
16	.0505	.052	.0535	.0455	.047	.0485	.0405	.042	.0435
15	.0575	.059	.0605	.0525	.054	.0555	.0475	.049	.0505
14	.0690	.071	.0730	.0600	.063	.0660	.0400	.043	.0460
13	.0740	.077	.0800	.0680	.071	.0740	.0620	.065	.0680
12	.0880	.091	.0940	.0820	.085	.0880	.0760	.079	.0820
11	.0970	.100	.1030	.0910	.094	.0970	.0840	.087	.0900
10	.1110	.114	.1170	.1030	.106	.1090	.0960	.099	.1020
9	.1230	.126	.1290	.1150	.118	.1210	.1070	.110	.1130
8	.1400	.143	.1460	.1320	.135	.1380	.1220	.125	.1280
7	.1550	.158	.1610	.1470	.150	.1530	.1370	.140	.1430
6	.1780	.181	.1840	.1700	.173	.1760	.1600	.163	.1660

SOURCE: APPLICABLE FEDERAL AND MILITARY SPECIFICATIONS

OUNCE TO DECIMAL OF A POUND CONVERSION CHART

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APPENDIX C

<u>OUNCES</u>	<u>POUNDS</u>
1	0.062
2	0.125
3	0.188
4	0.250
5	0.312
6	0.375
7	0.438
8	0.500
9	0.562
10	0.625
11	0.688
12	0.750
13	0.812
14	0.875
15	0.938
16	1.000

FIIG Change List

FIIG Change List, Effective June 4, 2010

This change replaced with ISAC or and/or coding.